

REMARKS

Applicants have amended the specification to include sequence identifiers. Applicants have enclosed a sequence listing (both paper and computer readable form versions) that contain the sequences shown in the specification, as requested by the Examiner.

In accordance with 37 C.F.R. § 1.821(c), enclosed is a paper copy of the Sequence Listing. Applicants respectfully request that the application be amended to include the paper copy of the sequence listing as part of the application.

In accordance with 37 C.F.R. § 1.821(e), enclosed is a 3.5 inch computer disk that contains a computer readable form of the paper Sequence Listing. The disk is in IBM PC format and contains the computer readable form of the paper "Sequence Listing" in ANSI text format, as the file name "Sequence Listing.ST25". The computer readable form of the sequence listing is identical to the sequence listing submitted on paper, as required by 37 C.F.R. § 1.821(f), and contains no new matter.

STATEMENT UNDER 37 C.F.R. § 1.821(f)

In accordance with 37 C.F.R. § 1.821(f), I hereby state that the hard copy and the computer readable form of the Sequence Listing submitted herewith in the above-identified patent application are supported in the application, contain no new matter, and contain the same substantive sequence information.

Respectfully submitted,

Dated: _____

September 4, 2002



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Version of Amendments with Markings to Show Changes Made

In the Specification:

Please amend the specification as follows:

At page 28, line 21 to page 29, line 3:

After exposure, the films were postbaked at 85° for 1 min. and stripped by rinsing with acetone, ethanol, and acetone again (each rinse 2 min.). The free hydroxyl group was then reacted with a DMT protected nucleotide phosphoramidite in acetonitrile, using a modified Applied Biosystems Inc. (ABI) DNA synthesizer. This coat / expose / strip process was repeatedly used to build [an] a polynucleotide of the sequence 5'-CATTTACAGC-3' (SEQ ID NO:1).

The resulting polynucleotide was deprotected with ethanolamine – ethanol (1:1 v/v, 18 h) and then hybridized to a fluorescent labeled target containing the complementary sequence 5'-GCTGTAAATG-3' (SEQ ID NO:2).



Sequence Listing.ST25
SEQUENCE LISTING

<110> Beecher, Jody E.
Goldberg, Martin J.
McGall, Glenn H.


<120> CHEMICAL AMPLIFICATION FOR THE SYNTHESIS OF PATTERNED ARRAYS

<130> 03848-00001

<140> 09/578,282

<141> 2000-05-25

<160> 2

 <170> PatentIn version 3.1

<210> 1

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> polynucleotide synthesized on a glass slide

<400> 1
catttacagc

10

<210> 2

<211> 10

<212> DNA

<213> Artificial Sequence

Sequence Listing.ST25

<220>

<223> polynucleotide probe

<400> 2
gctgtaaattg

10

B2
cont
